NO.

EMARK OFFICE

Declaration for Pate

As a named inventor, I hereby declare that:

SELF-ASSEMBLING PEPTIDE SURFACES FOR CELL

My residence, post office address and citizenship are as my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PATTE	RNING AND INTE	RACTIONS				
the specifi	cation of whic	h (check one	e)			
[] is at	tached hereto.					
[X] was f	iled onJu	ne 25, 1997		as	United States A	pplication
Numbe	r or PCT Inter	national App	olication	Serial	No. 08/882,41	5
and w	as amended on			(:	if applicable).	
above-ident		ation, inclu			tand the content , as amended by	
I ack be material	nowledge the d to patentabil	uty to discl ity as defin	lose informed in 37	mation C.F.R.	which is known §1.56.	by me to
Code, §119 listed belo or inventor	of any foreign w and have als 's certificate iority is clai	application o identified having a fi	n(s) for p d below an dling date	atent o y fore: before	Title 35, Unite or inventor's ce ign application e that of the ap	rtificate for patent
				'.	·	Claim
(Number)		(Country)	(1	Day/Mor	nth/Year filed)	[]
(Number)	<u> </u>	(Country)	(Day/Mor	nth/Year filed)	[]
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	aim the benefi application(s			9(e) o	f any United Sta	tes
(Applicatio	n Number)	. 7	(Filing Da	te)		
(Applicatio	n Number)		(Filing Da	te)		

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

•					
(Application Serial No.)	(Filing date)	(Status:	patented,	pending,	abandoned)
(Application Serial No.)	(Filing date)	(Status:	patented,	pending,	abandoned)
(Application Serial No.)	(Filing date)	(Status:	patented,	pending,	abandoned)
(Application Serial No.)	(Filing date)	(Status:	patented,	pending,	abandoned)
As a named inventor agent(s) to prosecute this and Trademark Office conn	s application and t	the follo ransact a	wing attor ll busines	ney(s) ans s in the	d/or Patent
I also hereby grant attorney(s) and/or agent(s) and/or agent(s) and cooperat application, including a plesignated states:	s) to file and pros ion Treaty based up	secute an oon the ab	internatio ove-identi	nal appli fied	cation
James M. Smith R	eg. No. 28,043 N. eg. No. 20,884 Ri eg. No. 32,227 He eg. No. 31,804 Ca	ice O. Ca Scott Pi chard A. elen E. We arolyn S.	erce Reg Wise Reg	No. 33, No. 34, No. 18, No. 37, No. 37,	900 041 964
all of Hamilton, Brook, S Lexington, Massachusetts		P.C., Two	Militia D	rive,	
andSend correspondence	to: Carolyn	S. Elmore			
_	n, Brook, Smith & R				
	itia Drive, Lexingt			02173	
Direct telephone ca	lls to: <u>Carolyn</u>	S. Elmore			
	(617) 86	51-6240			
Direct facsimiles t	o: <u>Carolyn</u>	S. Elmore			
	(617) 86	1-9540			

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

	Angely SZ
Full name of sole	//////
or first inventor	Shuquang Zhang
Inventor's Signature	MyZhy Date 10/30/97
Residence	
	Lexington, Massachusetts 02173-4142
	USA
Post Office Address	·
Full name of second	joint
inventor, if any _	
	Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ
Inventor's Signature	llf der Kich Date 11/3/97
	2 Walnut Avenue
	Cambridge, Massachusetts 02140
	USA
	Same as Above
Full name of third	joint
	Lin Yan
Inventor's	
Signature	Date
_	20 Prescott Street, Apt. 1B
<u> </u>	Cambridge, Massachusetts 02138
Citizenship	
Post Office Address	
1000 office marcon	

Full name of fourth j inventor, if any	George Whitesides		
Inventor's Signature		Date	
Residence	124 Grasmere Street		
	Newton, Massachusetts 02158		
Citizenship	USA		
Post Office Address _	Same as Above		

MIT-7762.DEC/CSB46

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DOCKET	NO.	MIT-7762

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Applacation

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

	SELF-ASSEMBLING PEPT	TIDE SURFAC	ES FOR C	<u>ELL</u>				
	PATTERNING AND INTER	RACTIONS			•			
the sp	ecification of which	n (check on	e)					
[]	is attached hereto.							
[X]	was filed onJur	ne 25, 1997		as t	Inited Sta	ites Ap	plic	ation
:	Number or PCT Intern	national Ap	plication	n Serial N	10. <u>08/8</u>	82,415		
	and was amended on .			(if	applicat	ole).		
above-	I hereby state that identified specifica ent referred to abov	ation, incl	iewed an uding th	d understa e claims,	and the co as amende	ontents ed by a	of ny	the
be mat	I acknowledge the duerial to patentabil:	ity to disc ity as defi	lose infi ned in 3	ormation v	which is b 1.56.	nown b	y me	to
listed or inv	§119 of any foreign below and have also entor's certificate ch priority is clain	o identifie having a f	d below iling da	any foreig te before	m applica	ation f	or p lica	eatent tion ority
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(Numbe	r	(Country)		(Day/Mont	h/Year fi	led)	[]
(Numbe	er)	(Country)	<u> </u>	(Day/Mont	h/Year fi	led)	[]
I here provis	by claim the beneficional application(s	t under 35) listed be	U.S.C. § elow.	119(e) of	any Unite	ed Stat	es	
(Appli	cation Number)		(Filing	Date)			;	
(Appli	cation Number)		(Filing	Date)				

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented,	pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented,	pending, abandoned
(Application Serial No.)	(Filing date)	(Status: patented,	pending, abandoned
As a named inventor agent(s) to prosecute thi and Trademark Office conn	s application and	the following attor transact all busines	rney(s) and/or ss in the Patent
I also hereby grant attorney(s) and/or agent(under the Patent Cooperat application, including a designated states:	s) to file and pro ion Treaty based w	upon the above-ident:	onal application ified
David E. Brook R James M. Smith R Leo R. Reynolds R Patricia Granahan R Mary Lou Wakimura R Thomas O. Hoover R	leg. No. 28,043 I leg. No. 20,884 I leg. No. 32,227 I leg. No. 31,804 (Alice O. Carroll Reg N. Scott Pierce Reg Richard A. Wise Reg Helen E. Wendler Reg Carolyn S. Elmore Reg	g. No. 34,900 g. No. 18,041 g. No. 37,964
all of Hamilton, Brook, S Lexington, Massachusetts		P.C., Two Militia I	Orive,
and			
Send correspondence	to:Caroly	n S. Elmore	
Hamilto	on, Brook, Smith &	Reynolds, P.C.	
Two Mil	itia Drive, Lexino	ton, Massachusetts	02173
Direct telephone ca	alls to: <u>Caroly</u>	n S. Elmore	· ·
	(617) 8	361-6240	
Direct facsimiles t	co: <u>Caroly</u>	n S. Elmore	
	(617)	361-9540	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole	
or first inventor _	Shuquanq Zhanq
Inventor's	
Signature	Date
Residence	25 Bowker Street
	Lexington, Massachusetts 02173-4142
Citizenship	
Post Office Address	Same as Above
Full name of second jo	
inventor, if any	Alexander Rich
Inventor's	
Signature	Date
Residence	2 Walnut Avenue
	Cambridge, Massachusetts 02140
	USA
	Same as Above
Full name of third joi	int
inventor, if any	Lin Yan
Inventor's Signature	Date 11/18/97 20 Prospect Street, Apt. 1B 339 Washington St.
Residence	20 Prospect Street, Apt. 1B 339 Washington St.
	Cambridge, Massachusetts 02138 Somerville, MA -2/43
Citizenship	China
Post Office Address	

Full name of fourth joi	nt		
inventor, if any	George Whitesides		
Inventor's	Tealing Da		10/24/97
Signature	Juli -	_Date _	10/24/91
Residence	124 Grasmere Street		V. L
10	Newton, Massachusetts 02158		
Citizenship	USA		
Post Office Address	Same as Above		

MIT-7762.DEC/CSE46

IN THE UNITED STATES PATENT AND TRAVENARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

.

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SELF-A	SSEMBLING PEPTIDE	SURFACES FOR	CELL	
PATTER	NING AND INTERACT	ions		
the specific	ation of which (ch	neck one)		
[] is att	ached hereto.			
[X] was fi	led on <u>June 25</u>	5, 1997	as United States	Application
Number	or PCT Internation	onal Applicat:	ion Serial No. 08/882,4	15
and wa	s amended on		(if applicable).	
above-identi	by state that I hat fied specification ferred to above.	ave reviewed and including to	and understand the content the claims, as amended by	ts of the any
I ackr be material	owledge the duty to patentability a	o disclose in as defined in	nformation which is known 37 C.F.R. §1.56.	by me to
Code, §119 o listed below or inventor'	of any foreign apply and have also ide s certificate havi ority is claimed:	ication(s) for entified below	fits under Title 35, Unit or patent or inventor's c w any foreign application date before that of the a lication(s)	ertificate for patent
				Claim
(Number)	(Cox	ıntry)	(Day/Month/Year filed)	[]
(Number)	(Cou	ıntry)	(Day/Month/Year filed)	[]
(Number)	(Cou	ıntry)	(Day/Month/Year filed)	[]
I hereby cla provisional	im the benefit und application(s) lis	der 35 U.S.C. sted below.	§119(e) of any United St	ates
(Application	Number)	(Filing	g Date)	
(Application	Number)	(Filing	g Date)	***************************************

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(Application Serial No.)	(Filing date)	(Status: patented,	pending, abandoned)
James M. Smith R	s application and the ected therewith. additional Powers so to file and prosion Treaty based uppower to meet all compower to meet all	of Attorney to the secute an internation the above-identifies ignated office related to the control of the cont	following onal application lified equirements for g. No. 33,542 g. No. 34,900 g. No. 18,041 g. No. 37,964
all of Hamilton, Brook, S Lexington, Massachusetts	mith and Reynolds,	P.C., Two Militia I	Orive,
Send correspondence	to: Carolyn	S. Elmore	
Hamilto	n, Brook, Smith &	Reynolds, P.C.	
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	(617) 8	61-6240	
Direct facsimiles t	o: <u>Carolyn</u>	S. Elmore	

(617) 861-9540

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Full name of sole			
	Shuquang Zhang		
Inventor's	Shaqaang ahang		
	Date		
Residence			
	Lexington, Massachusetts 02173-4142		
	USA		
- -	Same as Above		
Full name of second jo			
inventor, if any	Alexander Rich		
Inventor's	•		
Signature	Date		
Residence	2 Walnut Avenue		
	Cambridge, Massachusetts 02140		
Citizenship	USA		
Post Office Address _	Same as Above		
Full name of third jos			
inventor, if any	Lin Yan		
Inventor's			
	Date		
Residence			
	Cambridge, Massachusetts 02138		
	China		
Post Office Address	Same as Above		

inventor, if	any <u>George Whitesides</u>		
Inventor's	·		
Signature		Date	•
Residence	124 Grasmere Street		
	Newton, Massachusetts	02158	
Citizenship	USA		
Post Office Add	ressSame as Above	-	

MIT-7762.DEC/CSE46